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(54) Method of in-mold coating

(57) A method of in-mold coating, comprising steps of injecting a melt of a thermoplastic resin molding material into a cavity of a mold, followed by molding, to form a molded product, then injecting a coating composition between the molded product and the inner wall of the mold, followed by curing the coating composition, to form a coated molded product, and withdrawing the coated molded product from the mold, wherein said coating composition comprises:

- (A) a vehicle component comprising (i) a urethane acrylate oligomer or a urethane methacrylate oligomer, which is a reaction product containing no substantial unreacted isocyanate groups, of (a) an organic polyisocyanate, (b) an organic polyol and (c) a hydroxyalkyl acrylate or a hydroxyalkyl methacrylate, and (ii) a polymerizable unsaturated monomer,
(B) a polyisocyanate compound, and
(C) a polymerization initiator.

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